

# List of reference numerals

1	Photodetector arrangement
2	Photodetector unit
4	Compensation unit
6	Differential unit
8	Amplifier unit
10	Differential module
12	Limit value module
14	Photonic mixer detectors
16	Photo element
18	Reset switch
20	Selection line
22	Output line
"1"	State
A, B	Signal paths
C <sub>Sig 1</sub> , C <sub>Sig 2</sub>	Integration capacity
E	Electrical signals
E <sub>DC</sub>	Stray light
G <sub>Komp</sub>	Constant component compensation
G <sub>Komp Max</sub>	Maximum degree of compensation
I <sub>Ph A</sub> , I <sub>Ph B</sub>	Photo currents
I <sub>Ph MAX</sub>	Maximum photo current
I <sub>Ph MIN</sub>	Minimum photo current
k	Amplification factor
k I <sub>Ph A</sub> , I <sub>Ph B</sub>	Currents
K S <sub>x</sub>	Proportionality factor
MAX	Maximum value
MIN	Minimum value
MK <sub>Max</sub>	Modulation contrast
O	Optical signals
S <sub>1</sub> , S <sub>2</sub>	Measuring signals with compensation

$S'_1, S'_2$	Measuring signals without compensation
$S_{1\Delta}$ and $S_{2\Delta}$	Portions of wanted signal
$S_1 > S_2$	Maximum value
$S_1 < S_2$	Minimum value
$S_{GL}$	Constant components
$S_{mGL}$	Measurable constant components
$S_{MIN}, S_{MAX}$	Signals
$SS_1, SS_2$	Switches
$S_x$	Signals
$T_{SS1}, T_{SS2}, T_{SS3}$	Times
$V_{C \text{ sig } 1}, V_{C \text{ sig } 2}$	Signal courses with compensation
$V'_{C \text{ sig } 1}, V'_{C \text{ sig } 2}$	Signal courses without compensation
$V_{C \text{ Sig Max}} / V'_{C \text{ Sig Max}}$	Signal course for the maximum value with/without compensation
$V_{Mod}$	Signal source
$W/L$	Width-length-ratio
$\Delta C_{sig}$	Differential signal
$\Delta E_{MOD}$	Scenery illumination
$\Delta I_{Ph} = I_{Ph A} - k I_{Ph A},$	
$\Delta I_{Ph} = I_{Ph B} - k I_{Ph A}$	Differential signals
$\Delta S$	Differential signal
$\Delta V_{profit}$	Potential differences
$\Delta V_{C \text{ sig}}, \Delta V'_{C \text{ sig}}$	Differential signals

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